

ABSTRACT

Disclosed are crystals, crystal structure FcγRIIa protein, three dimensional coordinates of FcγRIIa protein, and structures and models derived from the FcγRIIa structure.

5 Also disclosed are crystals of FcεRI protein and three dimensional coordinates of FcεRI protein monomers and dimers derived from the FcγRIIa structure. Also disclosed are three dimensional coordinates of FcγRIIIb proteins and models of FcγRIIIb derived from the FcγRIIa structure. The present

10 invention also includes methods to produce such crystals, crystal structures and models. Uses of such crystals, crystal structures and models are also disclosed, including structure based drug design and therapeutic compositions.